

In re Application of:

Paul Senn, et al.

Application No: NYA

Filed: March 8, 2004

For: Systems and Methods for Prerating  
Costs For a Communication Event

Art Unit: NYA

Examiner: NYA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are not enclosed as they were provided with Application No. 09/371,176 filed 11 August 1999 and now U.S. Patent 6,704,563.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed:

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office Action** on the merits, or before the mailing of a **first Office Action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**

- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely \$180.00, is included herein, or
- ☐ (3) after the mailing date of a **final action or notice of allowance** but before the payment of the issue fee, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely \$180.00 is included herein.

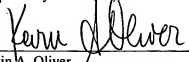
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,



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Date: March 8, 2004  
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Fax No. (617) 832-7000

Form PTO-1449 Information Disclosure Citation in an Application				Docket Number BCK-001.02			
				Applicant Senn, Paul et al.			
				Filing Date March 8, 2004		Group Art Ut	
<b>U.S. PATENT DOCUTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA 5,138,650	08/11/92	Stahl et al.	379	61	09/27/90	
	AB 5,627,887	05/06/97	Freedman	379	144	02/21/96	
	AC 5,722,067	02/24/98	Fougnyes et al.	455	406	12/23/94	
	AD 6,035,025	03/07/00	Hanson	379	144	01/07/98	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AE WO 93/12606	06/24/93	PCT				X
	AF WO 98/34393	08/06/98	PCT				X
	AG WO 98/44716	10/08/98	PCT				X
	AH EP 0 540 234 A2	05/05/93	European Patent				
	AI EP 0 746 135 A2	12/04/96	European Patent				X
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	INTERNATIONAL SEARCH REPORT						
AJ							
<b>EXAMINER</b>							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>BCK-001.02</b>	Application Number
	Applicant <b>Senn et al.</b>	
	Filing Date <b>March 8, 2004</b>	Group Art Unit

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	3,453,389	07/01/69	N. R. Shaer	179	7.1	06/06/66
	CB	3,652,795	03/28/72	Wolf et al.	179	2	11/25/70
	CC	3,654,396	04/04/72	Biezeveld	179	18	10/24/69
	CD	3,676,597	07/11/72	Peterson	179	6.3	12/28/70
	CC	3,692,946	09/19/72	Budrys et al.	179	18	12/10/70
	CC	3,693,156	09/19/72	DiLello	340	149	05/11/70
	CG	3,697,693	09/19/72	Deschenes et al.	179	2	03/11/70
	CH	3,718,764	02/27/73	Deschenes et al.	179	2	03/11/70
	CI	3,731,000	05/01/73	Joel, Jr.	179	8	12/16/70
	CJ	3,818,455	06/18/74	Brenski et al.	340	172.5	09/15/72
	CK	3,838,225	09/24/74	Limberg et al.	179	27	09/10/73
	CL	3,852,571	12/03/74	Hall et al.	235	61.7	08/16/72
	CM	4,996,705	02/26/91	Entenmann et al.	379	91	09/01/87
	CN	3,892,948	07/01/75	Constable	340	149	02/26/73
	CO	3,920,908	11/18/75	Kraus	179	2	06/25/74
	CP	3,938,091	02/10/76	Atalla et al.	340	149	07/19/74
	CQ	4,007,339	02/08/77	Joel, Jr.	179	27	11/28/75
	CR	4,086,439	04/25/78	Vowles et al.	179	27	12/17/76
	CS	4,162,377	07/24/79	Mearns	179	18	07/13/78
	CT	4,191,860	03/04/80	Weber	179	18	07/13/78
	CU	4,264,956	04/28/81	Delaney	364	467	11/28/79
	CV	4,224,472	09/23/80	Zarount	179	27.1	07/16/79
	CW	4,243,841	01/06/81	Young	179	6.3	09/24/79
	CX	4,277,649	07/07/81	Sheinbein	179	18	01/18/80
	CY	4,300,041	11/10/81	Nama	235	449	10/25/79
	CZ	4,310,726	01/12/82	Asmuth	179	18	02/04/80
	DA	4,332,985	06/01/82	Samuel	179	90	03/28/80
	DB	4,351,028	09/21/82	Peddle et al.	364	483	02/19/80

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Docket Number (Optional) BCK-001.02		Application Number	
			Applicant Senn et al.			
			Filing Date March 8, 2004		Group Art Unit	
	DC					
	DD	4,399,330	08/16/83	Kuenzel	179	2 08/07/81
	DE	4,400,587	08/23/83	Taylor et al.	179	27 08/25/81
	DF	4,410,765	10/18/83	Hestad et al.	179	7.1 06/04/81
	DG	4,439,636	03/27/84	Newkirk et al.	179	7.1 03/09/82
	DH	4,517,412	05/14/85	Newkirk et al.	179	7.1 11/23/83
	DH	4,587,379	05/06/86	Masuda	179	7.1 03/23/84
	DP	4,594,663	06/10/86	Nagata et al.	364	401 07/08/83
	DP	4,595,983	06/17/86	Gehalo et al.	364	401 10/27/83
	DL	4,958,368	09/18/90	Parker	379	91 10/31/88
	DM	4,680,785	07/14/87	Akiyama et al.	379	57 10/03/84
	DP	4,879,744	11/07/89	Tasaki et al.	379	144 06/28/88
	DO	4,756,020	07/05/88	Fodale	379	112 11/02/87
	DP	4,776,000	10/04/88	Parienti	379	42 01/28/87
	DO	4,776,003	10/04/88	Harris	379	91 10/31/83
	DR	4,777,646	10/11/88	Harris	379	91 10/01/86
	DS	4,777,647	10/11/88	Smith et al.	379	151 09/29/86
	DT	4,791,640	12/13/88	Sand	370	58 10/21/85
	DU	4,813,065	03/14/89	Segala	379	112 10/13/87
	DV	4,831,647	05/16/89	D'Avello et al.	379	91 06/02/87
	DW	4,845,740	07/04/89	Tokuyama et al.	379	91 12/05/88
	DX	4,852,149	07/25/89	Zwick et al.	379	67 06/29/88
	DY	4,852,155	07/25/89	Barraud	379	145 04/14/88
	DZ	4,860,336	08/22/89	D'Avello et al.	379	63 01/15/88
	EA	4,860,341	08/22/89	D'Avello et al.	379	91 02/13/89
	EB	4,893,330	01/09/90	Franco	379	91 06/01/89
	EC	4,897,870	01/30/90	Golden	379	144 05/26/87
	ED	4,899,373	02/06/90	Lee et al.	379	207 11/28/86
	EE	4,901,340	02/13/90	Parker et al.	379	60 09/19/88
	EF	4,930,150	05/29/90	Katz	379	93 10/20/88

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION***(Use several sheets if necessary)*

Docket Number (Optional)

BCK-001.02

Application Number

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Senn et al.

Filing Date

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Group Art Unit

EG	4,930,154	05/29/90	Bauer et al.	379	246	04/21/89
EH	4,935,956	06/19/90	Hellwarth et al.	379	112	04/20/89
EI	4,942,598	07/17/90	Davis	379	57	03/04/88
EJ	4,951,308	08/21/90	Bishop et al.	379	91	12/29/88
EK	4,955,049	09/04/90	Ghisler	379	91	03/10/89
EL	4,965,821	10/23/90	Bishop et al.	379	91	12/23/88
EM	4,979,207	12/18/90	Baum et al.	379	112	02/01/90
EN	5,003,585	03/26/91	Richer	379	144	03/10/89
EO	5,003,585	03/26/91	Collins et al.	380	25	08/29/89
EP	5,007,077	04/09/91	Fields et al.	379	67	03/23/90
EQ	5,008,929	04/16/91	Olsen et al.	379	112	01/18/90
ER	5,014,301	05/07/91	Maltezos	379	155	03/10/89
ES	5,046,088	09/03/91	Margulies	379	211	10/31/89
ET	5,063,588	11/05/91	Patsiakos et al.	340	57	03/10/89
EU	5,068,891	11/26/91	Marshall	379	91	03/31/89
EV						
EW	5,127,040	06/30/92	D'Avello et al.	379	58	03/02/90
EX	5,128,938	07/07/92	Borras	370	95.1	03/06/91
EY	5,134,646	07/28/92	Carlson	379	67	11/27/90
EZ	5,138,648	08/11/92	Palomeque et al.	379	22	04/12/91
FA	5,185,782	02/09/93	Srinivasan	379	67	02/08/91
FB	5,144,649	09/01/92	Zicker et al.	379	59	10/24/90
FC						
FD						
FE	5,159,625	10/27/92	Zicker	379	59	10/24/90
FF	5,161,181	11/03/92	Zwick	379	67	01/10/90
FG	5,185,781	02/09/93	Dowden et al.	379	67	03/27/91
FH						
FI	5,192,947	03/09/93	Neustein	340	825.44	02/02/90
FJ						

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			Applicant Senn et al.				
			Filing Date March 8, 2004		Group Art Unit		
FK	5,216,703	06/01/93	Roy	379	59	06/17/91	
FL	5,220,593	06/15/93	Zicker et al.	379	59	03/31/92	
FM	5,222,120	06/22/93	McLeod et al.	379	88	04/23/90	
FN	5,222,125	06/22/93	Creswell et al.	379	67	09/03/91	
FR	5,233,642	08/03/93	Renton	379	59	08/27/91	
FR	5,243,643	09/07/93	Sattar et al.	379	88	10/10/91	
FQ							
FR	5,268,958	12/07/93	Nakano	379	211	02/24/92	
FS	5,272,747	12/21/93	Meads	379	59	05/08/91	
FT	5,274,802	12/28/93	Altine	395	600	02/22/91	
FU	5,276,444	01/04/94	McNair	340	925.33	09/23/91	
FV	5,276,731	01/04/94	Arbel et al.	379	59	04/26/91	
FW	5,282,243	01/25/94	Dabbaghi et al.	379	201	11/06/92	
FX	5,289,528	02/22/94	Ueno et al.	379	67.1	02/18/92	
FX							
FZ	5,301,246	04/05/94	Archibald et al.	380	23	07/29/92	
GA	5,301,223	04/05/94	Amadon et al.	379	88	08/25/92	
GB	5,301,234	04/05/94	Mazziotto et al.	380	23	10/10/91	
GC	5,303,285	04/12/94	Kerihuel et al.	379	58	01/08/93	
GD							
GE	5,309,501	05/03/94	Kozik et al.	379	58	07/30/93	
GG	5,311,569	05/10/94	Brozovich et al.	379	45	06/05/92	
GH	5,311,572	05/10/94	Friedes et al.	379	67	10/03/91	
GI	5,321,735	06/14/94	Breeden et al.	379	58	06/29/92	
GJ	5,325,418	06/28/94	McGregor et al.	379	59	09/27/91	
GK	5,327,144	07/05/94	Stilp et al.	342	387	05/07/93	
GL	5,327,482	07/05/94	Yamamoto	379	61	07/07/92	
GM	5,327,485	07/05/94	Leaden	379	95	12/01/92	
GN	5,329,578	07/12/94	Brennan et al.	379	67	05/26/92	
GO	5,339,352	08/16/94	Armstrong et al.	379	58	10/01/92	

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GP	5,341,414	08/23/94	Popke	379	142	02/05/92	
GQ	5,345,498	09/06/94	Mauger	379	58	03/12/93	
GR	5,352,876	10/04/94	Watanabe et al.	235	381	05/05/93	
GS							
GT	5,359,182	10/25/94	Schilling	235	380	10/06/92	
GU	5,345,595	09/06/94	Johnson et al.	455	33.1	11/12/92	
GV	5,359,643	10/25/94	Gammino	379	143	06/26/93	
GW	5,365,575	11/15/94	Katz	379	92	09/09/91	
GX	5,371,493	12/06/94	Sharpe et al.	340	825.34	10/07/92	
GY	5,377,267	12/27/94	Suzuki et al.	340	23	08/16/93	
GZ	5,384,825	01/24/95	Dillard et al.	379	59	07/01/93	
HA	5,384,831	01/24/95	Creswell et al.	379	67	06/26/92	
HB	5,396,545	03/07/95	Nair et al.	379	91	10/22/93	
HC	5,404,580	01/24/95	Simpson et al.	455	89	05/04/94	
HD	5,408,513	04/18/95	Busch, Jr.; et al.	379	59	09/24/93	
HE	5,409,092	04/25/95	Itako et al.	194	210	05/20/91	
HF	5,428,677	06/27/95	Hakamada	379	144	03/09/92	
HG	5,418,844	05/23/95	Morrisey et al.	379	207	04/17/92	
HH	5,423,068	06/06/95	Hecker	455	56.1	06/08/93	
HI	5,438,615	08/01/95	Moen	379	144	05/31/94	
HJ							
HK	5,448,627	09/05/95	Ueno et al.	379	67	01/05/94	
HL							
HM							
HN	5,450,479	09/12/95	Alesio et al.	379	144	12/30/92	
HO	5,465,289	11/07/95	Kennedy, Jr.	379	59	03/05/93	
HP	5,465,293	11/07/95	Chiller et al.	379	89	12/30/93	
HQ	5,467,388	11/14/95	Redd, Jr., et al.	379	189	02/06/95	
HR	5,469,496	11/21/95	Emery et al.	379	58	04/19/94	
HS							



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HT	5,504,808	04/02/96	Hamrick, Jr.	379	144	06/01/94	
HU	5,477,038	12/19/95	Levine et al.	235	380	10/25/93	
HV	5,485,505	01/16/96	Norman et al.	379	58	06/07/95	
HW	5,502,761	03/26/96	Duncan et al.	379	142	03/24/94	
HY	5,509,056	04/16/96	Ericsson et al.	379	144	06/06/94	
HY	5,511,114	04/23/96	Stimson et al.	379	114	06/06/94	
HZ							
IA							
IB	5,517,559	06/11/96	Hayashi et al.	379	112	09/22/93	
IC							
ID	5,524,146	06/04/96	Morrissey et al.	379	207	02/28/95	
IC	5,526,401	06/11/96	Roach, Jr. et al.	379	59	10/31/94	
IC	5,544,227	08/06/96	Blust et al.	379	63	06/07/95	
IC	5,544,227	08/06/96	Creswell et al.	379	67	01/23/95	
IA	5,546,444	08/13/96	Roach, Jr. et al.	379	59	03/11/94	
I	5,546,446	08/13/96	Tsunokawa et al.	379	114	10/20/94	
IJ	5,550,897	08/27/96	Seiderman	379	59	11/08/94	
IK	5,550,899	08/27/96	McLeod et al.	379	67	03/17/93	
IL	5,553,120	09/03/96	Katz	379	88	06/07/93	
IM	5,555,290	09/10/96	McLeod et al.	379	67	04/11/95	
IN	5,559,871	09/24/96	Smith	379	115	09/23/94	
IO	5,561,706	10/01/96	Fenner	379	60	09/29/92	
IP	5,561,707	10/01/96	Katz	379	88	10/18/93	
IQ							
IR							
IS	5,572,583	11/05/96	Wheeler, Jr. et al.	379	207	05/24/94	
IT							
IU	5,577,109	11/19/96	Stimson et al.	379	112	03/20/95	
IV	5,577,110	11/19/96	Aquino	379	201	04/10/95	
IW	5,579,375	11/26/96	Ginter	379	59	05/02/95	

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			Applicant Senn et al.				
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IX	5,579,376	11/26/96	Kennedy, III et al.	379	60	05/03/95	
Y	5,579,379	11/26/96	D'Amico et al.	379	112	10/18/94	
Z	5,583,918	12/10/96	Nakagawa	379	61	07/20/94	
ZA	5,583,920	12/10/96	Wheeler, Jr.	379	88	09/12/94	
JB							
JF							
JL	5,592,535	01/07/97	Klotz	379	58	04/02/96	
JF	5,592,537	01/07/97	Moen	379	67	05/20/94	
JF	5,602,906	02/11/97	Phelps	379	114	04/30/93	
JG	5,606,602	02/25/97	Johnson et al.	379	115	11/06/95	
JH	5,610,972	03/11/97	Emery et al.	379	59	06/05/95	
JH	5,610,973	03/11/97	Comer	379	59	01/28/91	
JJ							
JJ							
JG	5,625,669	04/29/97	McGregor et al.	379	58	06/23/94	
JM	5,631,947	05/20/97	Wittstein et al.	379	59	01/17/95	
JN							
JO							
JP	5,646,839	07/08/97	Katz	379	93.01	09/14/94	
JP	5,657,377	08/12/97	Pinard et al.	379	93.02	03/03/93	
JR	5,673,299	09/30/97	Fuller et al.	379	57	05/26/94	
JS	5,673,306	09/30/97	Amadon et al.	379	59	11/20/92	
JT	5,675,607	10/07/97	Alesio et al.	379	114	05/12/95	
JU	5,677,945	10/14/97	Mullins et al.	379	91	06/06/95	
JV	5,684,863	11/04/97	Katz	379	88	06/07/95	
JW	5,689,552	11/18/97	Gibilisco	379	145	08/31/93	
JX	5,692,037	11/25/97	Friend	379	114	03/31/95	
JY	5,694,455	12/2/97	Goodman	379	59	10/03/96	
JZ	5,708,702	01/13/98	DePaul et al.	379	230	07/28/95	
KA	5,719,926	02/17/98	Hill	379	113	02/20/96	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) BCK-001.02		Application Number	
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KB	5,721,768	02/24/98	Stimson et al.	379	114	11/18/96	
KC	5,727,057	03/10/98	Emery et al.	379	211	12/27/94	
KD	5,732,131	03/24/98	Nimmagadda et al.	379	211	11/19/96	
KE	5,732,346	03/24/98	Lazaridis et al.	455	406	02/16/96	
KL	5,737,701	04/07/98	Rosenthal et al.	455	414	10/03/95	
KL	5,748,720	05/05/98	Loder	379	414	08/07/96	
KH	5,752,186	05/12/98	Malackowski et al.	455	414	05/07/96	
KL	5,758,281	05/26/98	Emery et al.	455	428	06/06/95	
KJ							
KK							
KL	5,778,313	04/07/98	Fougnes	455	406	12/08/95	
KM	5,781,855	07/14/98	Reuhkala et al.	455	403	06/11/96	
KN	5,787,156	07/28/98	Katz	379	93.13	06/11/96	
KO							
KP	5,793,846	07/14/98	Katz	379	88	11/16/95	
KQ	5,794,144	08/11/98	Comer et al.	455	426	03/25/96	
KR	5,797,097	08/18/98	Roach, Jr. et al.	455	456	11/02/95	
KS							
KT							
KU	5,814,798	09/29/98	Zancho	235	380	05/23/97	
KV	5,815,551	09/29/98	Katz	379	88	06/07/95	
KW	5,815,561	09/29/98	Nguyen et al.	379	115	03/29/96	
KX	5,819,176	10/06/98	Rast	455	422	04/22/96	
KY							
KZ	5,828,734	10/27/98	Katz	379	93.13	10/04/93	
LA	5,845,211	12/01/98	Roach, Jr.	455	436	01/13/95	
LB	5,850,518	12/15/98	Northrup	399	200.33	12/12/94	
LC	5,850,599	12/15/98	Seiderman	455	406	02/09/96	
LD							
LE							

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) BCK-001.02		Application Number	
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				Filing Date March 8, 2004		Group Art Unit	
LF	5,864,604	01/26/99	Moen, et al.	379	88	01/06/97	
LG	5,873,043	02/16/99	Comer	455	458	12/18/96	
LH							
LI	5,898,762	04/27/99	Katz	379	93.12	06/06/95	
LP	5,909,485	06/01/99	Martin et al.	379	144	03/07/97	
LK	5,917,893	06/29/99	Katz	379	93.02	06/07/95	
LP	5,909,485	08/17/99	Scott	455	426	12/31/96	
LM	5,946,380	06/01/99	Cohen et al.	379	127	11/06/97	
LP	5,960,416	09/28/99	Block	455	34	12/09/97	
LQ	5,987,118	11/16/99	Dickerman et al.	379	265	10/21/97	
LP	5,991,413	11/23/99	Arditti et al.	379	25	06/12/97	
LQ							
LP							
LS	6,003,770	12/21/99	Schilling	235	382.5	10/21/97	
LT							
LU	6,016,344	01/18/00	Katz	379	260	04/10/89	
LV							
LW	6,035,021	03/07/00	Katz	379	93.12	06/07/95	
LX							
LY	6,044,135	03/28/00	Katz	379	93.13	08/12/98	
LZ	6,044,265	03/28/00	Roach, Jr.	455	419	06/05/95	
MA							
MB							
MC	6,075,982	06/13/00	Donovan et al.	455	406	09/23/97	
MD	6,101,378	08/08/00	Barabash et al.	455	406	08/15/96	
ME	6,108,537	08/22/00	Comer et al.	455	426	09/24/98	
MF	6,125,275	09/26/00	Comer et al.	455	426	01/26/98	
MG	6,154,648	11/28/00	Comer	455	426	11/12/97	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**INFORMATION DISCLOSURE CITATION  
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	MH								
	MI							X	
	MJ	WO 93/03585	02/18/93		PCT			X	
	MK								
	ML	WO 95/24107	09/08/95		PCT			X	
	MM	WO 95/35619	12/28/95		PCT			X	
	MN								
	MO							X	
	MP	WO 98/30037	07/09/98		PCT			X	
	MQ								
	MR	WO 98/34425	08/06/98		PCT			X	
	MS	WO 98/47112	10/22/98		PCT			X	
	MT								
	MU	EP 0 048 868	04/07/82		EP			X	
	MV	EP 0 088 639	09/14/83		EP			X	
	MW	EP 0 115 240	08/08/84		EP			X	
	MX	EP 0 128 555	12/19/84		EP			X	
	MY	EP 0 463 384	01/02/92		EP			X	
	MZ								
	NA	EP 0 589 757	03/30/94		EP			X	
	NB	EP 0 598 469	05/25/94		EP			X	
	NC	EP 0 602 779	10/20/93		EP			X	
	ND								
	NE	DE 29 47 164	11/12/80		German				X
	NF	DE 34 01 319	07/25/85		German			X	
	NG	DE 44 08 655	09/21/95		German				X
	NH	FR 2 575 016	06/20/86		France				X
	NI								

**INFORMATION DISCLOSURE CITATION****IN AN APPLICATION***(Use several sheets if necessary)*

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	NJ								
	NK	GB 2 046 556	11/12/80	Great Britain				X	
	NL	GB 2 065 353	06/24/81	Great Britain				X	
	NM	GB 2 141 309	12/12/84	Great Britain				X	
	NN	GB 2 151 061	07/10/85	Great Britain				X	
	NO								
	NP	GB 2 215 897	09/27/89	Great Britain				X	
	NQ								
	NR	JP 02-061786	03/01/90	Japan					X
	NS	JP 02-079193	03/19/90	Japan					X
	NT	JP 02-245893	10/01/90	Japan					X
	NU	JP 56-101016	01/10/93	Japan				X	
	NV	JP 03-024684	02/01/91	Japan					X
	NW	JP 03-062296	03/18/91	Japan					X
	NX	JP 04-001891	01/07/92	Japan					X
	NY	JP 04-043493	02/13/92	Japan					X
	NZ	JP 04-140896	05/14/92	Japan					X
	OA	JP 04-354092	12/08/92	Japan					X
	OB	JP 06-121075	04/28/94	Japan				X	
	OC	JP 09-018609	01/17/97	Japan				X	
	OD	JP 48-090110	11/24/73	Japan				X	
	OE	JP 53-039808	04/12/78	Japan				X	
	OF	JP 55-101375	08/18/80	Japan				X	
	OG	JP 57-125567	08/04/82	Japan				X	
	OH	JP 57-125570	08/04/82	Japan				X	
	OI	JP 57-127903	08/09/82	Japan				X	
	OJ	JP 58-003367	01/10/83	Japan				X	
	OK	JP 58-165473	09/30/83	Japan				X	
	OL	JP 60-180270	09/14/85	Japan				X	

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				Docket Number (Optional) BCK-001.02		Application Number	
				Applicant Senn et al.			
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	OM	JP 62-266960	11/19/87	Japan			X
	ON	JP 59-190771	10/29/84	Japan			X
	OO	JP 62-054623	03/10/87	Japan			X
	OP						
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages Etc.)							
	OQ	J.S. Somerville, "A New Central Office Facility for Extension Number Billing of PBX Originated Toll Calls"					
	OR	C. Raymond Kraus, "A Proposed Telephone Identification and Credit System"					
	OS	Hiroshi Shimizu, Hisamu Inoue and Hisakazu Uesaka, "Advanced Free Dial Service," JTR, July 1987, pp. 15 ff.					
	OT	"ATS Automated Long Distance Telephone Service User's Guide", October 1983, Version 2.0, National Applied computer Technologies.					
	OU	D.J. Eigen and E.A. Youngs, "Calling Card Service -- Human Factors Studies," Bell System Technical Journal, September 1982, Vol. 61, No. 7, part 3, pp. 1715 ff.					
	OV	R.G. Basinger, M. Berger, E.M. Prell, V.L. Ransom and J. R. Williams, "Calling Card Service -- Overall Description and Operational Characteristics," Bell System Technical Journal, September 1981, Vol. 61, No. 7, part 3, pp. 1655 ff.					
	OW	Chungming An and Allison B. Mearns, "Direct Dialing of Credit Card Calls," International Conference on Communications, June 14-18, 1981.					
	OX	Dieter Voegtlen, CP 44 -- A Modular SPC System for Local, Transit and Trunk Exchanges With Decentralized Processors.					
	OY	Fuku Higashiyama and Masaharu Murata, "Credit Call Service," Japan Telecommunications Review, October 1980.					
	OZ	S.D. Lind, "Credit card standards for telecommunications: an historical review," Telecommunication Journal, 1992, Vol. 59 - IV, pp. 183 ff.					
	PA	Allison B. Mearns, David J. Miller and Cyrenus M. Rubald, "Calling Card: Don't tell it -- dial it," Bell Laboratories Record, May/June 1982, pp. 117-19.					
	PB	"Emergence of debit cards brings proposal for universal, compatible numbering system," Banking, October 1976, pp. 19 ff.					
	PC	Charlie Stimson, "Prepaid Calling Cards -- Friend or Foe?," Public Communications Magazine, August 1994.					
	PD	IBM Virtual Machine Facility/370: Terminal User's Guide, Release 4 PLC 1.					

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)

BCK-001.02

Application Number

Applicant

Senn et al.

Filing Date

March 8, 2004

Group Art Unit

PE	J.C. Lund, Jr., M.R. Ordun, and R. J. Wojcik, "Implementation of the Calling Card Service Capability -- Application of a Software Methodology," IEEE Transactions on Communications, June 1982, Vol. COM-30, No. 6, pp. 1297 ff.
PF	S.S. Soo, "Interfacing a Computer to a Telephone Exchange," IBM Technical Disclosure Bulletin, September 1976, Vol. 19, No. 4.
PG	Masaharu Kahiara, Ginya Ishiguro, Kiyoshi Teresawa, "Magnetic Card Public Telephone," Review of the Electrical Communications Laboratories, 1984, Vol. 32, No. 1.
PH	Lynette Luna, "National Telemanagement answers prepaid wireless dilemmas," RCR Publications 12/16/96.
PI	W.O. Fleckenstein, "Operations support systems: computer aids for the local exchange," Bell Laboratories Record, September 1982, pp. 185 ff.
PJ	"Payment Systems: Europe Steals a Lead in Ship Card System, But They Pose New Problems," Europe Information Service, September 9, 1993.
PK	P. Wible, PHONOCARD® - a pay phone operated by prepaid cards
PL	Sean Millen, "POS and charge cards," Computer Decisions, pp. 40-44.
PM	A.G. Mason, "A Pay-Per-View Conditional Access System for DBS by Means of Secure Over-Air Credit Transmission," Electronics and Computing and Control Divisions of the Institution of Electrical Engineers, International Conference on Secure Communication Systems, 22-23 February 1984.
PN	J.W. Gibbs, T.E. Longden, P.A. Tredgett, "A Small Digital Exchange With Advanced Facilities," ISS '81 CIC Montreal 21-25 Sept. 1981.
PO	"Smart cards move into everyday use," Computer Management, March 1985.
PP	R.J. Jaeger, Jr., and A.E. Joel, Jr., "System Organization and Objectives," Bell System Technical Journal, December 1970, Volume 49, Number 10, pp. 2417-43.
PQ	J.B. Kerjamel, G.M. Martin, "How the Intelligent Network Will Federate Services Related to Mobility," Third IEE Conference on Telecommunications, The Institution of Electrical Engineers, 1991.
PR	B.D. Bloom and B.L. Breedlove, "The Feature Node/Service Interface Concept"
PS	The Market for Central Office Equipment, TE&M Special Report, December 1, 1977, Vol. 92, No. 23
PT	Freeman, "Are prepaid applications 'on the fringe' or infringing?," Intel-Card News, January/February 1996.



INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) BCK-001.02	Application Number
		Applicant Senn et al.	
		Filing Date March 8, 2004	Group Art Unit
PU	Harry M. Hall, Christopher D. Carson, Earle H. West, and Lonnie D. Whitehead, "The AT&T Service Circuit Node: A New Element For Providing Intelligent Network Services," AT&T Technical Journal at 72, Summer 1991.		
PV	Kevin Hegebarth, "ANI is the key to unlock advanced network services," Telephony, Nov. 14, 1988		
PW	Notes on the BOC INTRA-LATA NETWORKS Prepared by Network Planning Central Services Organization on behalf of the Regional Bell Operating Companies, American Telephone and Telegraph Company, 1980, 1983.		
PX	White, James A., "Western Union Buys 50% AirFone Stake; Airlines Sign for In-Flight Phone Service," The Wall Street Journal, Thursday, December 17, 1981.		
PY	Alexandra M. Workman, Murthy V. Kollpakam, Janis B. Sharpless, Vilma Stoss, and Hans van der Veer, "International Applications of AT&T's Intelligent Network Platforms," AT&T Technical Journal, Summer 1991.		
PZ	Simon Wyatt, "Telephone Decrementing Card," Communications International, July 1981.		
QA	Krayem-Nevoux, "Payphone Service for Third Generation Mobile Systems," 1993 IEEE, pages 1708-1712.		
QB	"CTIA Products," Telephony, 2/23/98.		
QC			
QD			
QE	Bauer, "The network of your dreams: Picking the ideal intelligent network infrastructure involves a comprehensive checklist of vendor criteria, including network applications, scalability and reliability," Telephony, 2/23/98.		
QF	Biagi, "The big switch: Intellicall brings its prepaid calling service offering to the U.S.," Telephony, 7/20/98.		
QG	Briere, "Speaking in tongues," Telephony, 2/14/94, 226(7).		
QH	Briere, "Can the RHCs win the long-distance marathon?," Telephony, 2/20/95, 228(8).		
QI	Bucholtz, "In an instant," Telephony, 4/20/98.		
QJ	Bucholtz, "High expectations: Electric Lightwave accuses US West of inadequate customer support," Telephony, 7/14/97.		
QK	Bucholtz, "Working in tandem: Five smaller vendors join in end-to-end NT-based customer care architecture," Telephony, 9/22/97.		

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>BCK-001.02</b>	Application Number
		Applicant <b>Senn et al.</b>	
		Filing Date <b>March 8, 2004</b>	Group Art Unit
	QL	Carter, "Asset allocation: Xedia helps service providers provision precious bandwidth," Telephony, 9/15/97.	
	QM	Davis, "Heading toward a new Frontier: Fifth-largest U.S. long-distance carrier streamlines for growth," Telephony, 10/20/97.	
	QN	Davis, "The gift that keeps on giving: BellSouth targets holiday shoppers for digital phones," Telephony, 11/17/97.	
	QO	Davis, "Here comes the smart card is a cashless society reality or rigmarole?," Telephony, 2/17/97.	
	QP		
	QQ	Gohring, "Europe sets pace for prepaid: U.S. follows, but only as a last resort," Telephony, 3/2/998.	
	QR	Gohring, "Lucent adds WIN applications," Telephony, 4/6/98.	
	QS	Gohring, "Canadian PCS operators rock the boat," Telephony, 6/1/98.	
	QT	Guihat, "An AIN wish list: Multimedia-enhanced services may be the next step for the Advanced Intelligent Network," Telephony, 9/22/97.	
	QU	Interim European Telecommunication Standard 300 131.	
	QV		
	QW	Kenny, "The anti-bill" Telephony, 6/28/99.	
	QX		
	QY		
	QZ	Langner, "RHCs sail into unfamiliar waters," Telephony, 9/19/94, 227(12).	
	RA	Lindstrom, "Prepaid calling cards set to peak," Telephony, 7/10/95, 229(2).	
	RB	McElligott, "Prepaid Compaq: BT Cellnet displays intelligent network-based prepay," Telephony, 6/5/00.	

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional)	Application Number
		BCK-001.02	
		Applicant	
		Senn et al.	
		Filing Date	Group Art Unit
		March 8, 2004	
	RC		
	RD	Meyers, "SmarTalk adds PCs to menu," Telephony, 1/13/97, 232(2).	
	RE	Meyers, "The best tools for the job," Telephony, 4/22/96, 230(17).	
	RF	Meyers, "Improvement, inside and out," Telephony, 4/22/96, 230(17).	
	RG	Meyers, "Giving wireless an edge," Telephony, 7/22/96, 231(4).	
	RH	Meyers, "Portable potential," Telephony, 7/31/95, 229(5).	
	RI	Meyers, "New dog, new tricks, Nortel supplies smarts for Microcell's Fido," Telephony, 8/25/97.	
	RJ	Meyers, "Sending a message: Unisys opens its wireless platform to more carriers," Telephony, 9/22/97.	
	RK	O'Shea, "LHS floats amid PCS chaos," Telephony, 6/30/97.	
	RL	O'Shea, "Software deals rule the sky," Telephony, 9/15/97.	
	RM	O'Shea, "The business of getting personal: Patent agreement illustrates growing market competition," Telephony, 12/1/97.	
	RN	O'Shea, "Services come into operational fold: Prepaid and messaging ride a tidal wave of popularity," Telephony, 3/23/98.	
	RO	O'Shea, "After the discovery competition increases in software-based enhanced services," Telephony, 3/31/97.	
	RP	O'Shea, "Software, network management drive next wireless era," Telephony, 4/22/96, 230(17).	
	RQ	O'Shea, "Breaking the mold," Telephony, 6/23/97.	
	RR	O'Shea, "Debit cards play the field," Telephony, 8/22/94, 227(8).	
	RS	Purton, "Germany tears down wall -- and finds an aging network to rebuild," Telephony, 3/4/91, 220(9).	

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>BCK-001.02</b>	Application Number
		Applicant <b>Senn et al.</b>	
		Filing Date <b>March 8, 2004</b>	Group Art Unit
	RT	George Leon, "Smart Card - makes smart sense," Electronic Education, February 1984, Vol. 3, No. 6.	
	RU	"Telecom voices cross continents with messages of progress," Telephony, 2/22/88, 214(8).	
	RV	"Vicorp targets global," Telephony, 9/1/87.	
	RW	Vittore et al., "Underlying control," Telephony, 7/6/98.	
EXAMINER			DATE CONSIDERED
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number (Optional) <b>BCK-001.02</b>		Application Number	
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RQ	4,506,116	03/19/85	Genest	179	90	07/18/83
RR	4,518,824	05/21/85	Mondardini	179	6.3	06/07/82
RS	4,611,096	09/09/86	Asmuth et al.	179	18	12/01/83
RT	4,698,752	10/06/87	Goldstein et al.	364	200	04/29/86
RU	4,755,872	07/05/88	Bestler et al.	358	18	07/29/85
RV	4,776,033	10/04/88	Scheinert	455	31	06/17/87
RW	4,984,290	01/08/91	Levine et al.	455	33	08/04/88
RX	5,040,177	08/13/91	Martin et al.	370	110.1	07/16/90
RY	5,103,449	04/07/92	Jolissaint	370	110.1	11/03/89
RZ	5,164,923	11/17/92	Avis	368	4	09/26/91
SA	5,319,699	06/07/94	Kerihuel et al.	379	58	05/29/91
SB	5,369,699	11/29/94	Page et al.	379	38	03/02/93
SC	5,381,467	01/10/95	Rosinski et al.	379	121	10/30/92
SD	5,396,558	03/07/95	Ishiguro et al.	380	25	09/13/93
SE	5,408,519	04/18/95	Pierce et al.	379	67	01/19/93
SF	5,426,634	06/20/95	Cote et al.	370	58.2	01/31/92
SG	5,473,681	12/05/95	Partridge, III	379	229	07/02/93
SH	5,495,521	02/27/96	Rangachar	379	95	11/12/93
SI	5,526,413	06/11/96	Cheston, III et al.	379	201	04/17/95
SJ	5,561,854	10/01/96	Antic et al.	455	56.1	10/02/95
SK	5,577,101	11/19/96	Böhm	379	58	04/10/96
SL	5,608,778	03/04/97	Partridge, III	379	58	09/22/94

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<del>SM</del>	<del>WO 91/07833</del>	<del>05/30/91</del>	<del>PCT</del>			<del>X</del>	
<del>SN</del>	<del>0 185 365</del>	<del>12/17/85</del>	<del>EP</del>			<del>X</del>	
<del>SO</del>	<del>0 185 365 B1</del>	<del>12/17/85</del>	<del>EP</del>			<del>X</del>	
<del>SP</del>	<del>0 546 467 A2</del>	<del>06/16/93</del>	<del>EP</del>			<del>Abstract</del>	<del>X</del>

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
	SQ EP 0 572 991 B1	12/08/93	EP			X	
	SR NL 9401004 A	08/01/95	Netherlands			Abstract	X
	SS 00630165/EP B1	01/19/00	EP			Abstract	X
	ST DE 4312362	10/20/94	German			Abstract	X
	SU 0 461 451 B1	12/18/91	EP			Abstract	X
	SV JP 6070367	03/11/94	Japan			Abstract	X
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages Etc.)							
SW	Ahimovic, Susan M. and Joan M. Michaels.; "Services for Tomorrow's PCS", IEEE 8/93, pgs. 222-227.						
SX	Ciancetta, M.C., J. Isberg; "Combined personal and terminal mobility in IN environment", Technical Reports, Volume XXII - n. 6- December 1994, pgs. 685-696.						
SY	Dunogue, J., J.B. Kerihuel, M. Martin; "The Building of Intelligent Networks Architecture and Systems from Alcatel", Commutation & Transmission No. 2-1989, pgs. 5-22.						
SZ	Ghillebaert, B., P. Combescur, A. Maloberti; "Le système cellulaire numérique européen de communication avec les mobiles", L'Echo des RECHERCHES No. 131, 1 <sup>er</sup> trimestre 1988, pgs. 5-20.						
TA	Jolie, P., G. Mazziotto; "Une application de la carte à microprocesseur: le module d'identité d'abonné du radiotéléphone numérique européen", L'écho des RECHERCHES No. 129, 1 <sup>er</sup> trimestre 1990, pgs. 13-20.						
TB	Mazziotto, Gérard; "The Subscriber Identity Module For the European Digital Cellular System GSM and Other Mobile Communication Systems", ISS '92, October 1992, Vol. 1, pgs. 113-116.						
TC	Nevoux, B., J.C. Benard-Dende; "Requirements for Personal Mobility In FPLMTS/UMTS: a view point from the user's expectations", IEEE, 1994, pgs. 1-7						
TD	Shimizu, Hiroshi, and Masaki Takahashi; "Intelligent Network", NTT Review Vol. 6, No. 5 September 1994, pgs. 67-69						
TE	Söderberg, Lennart; "Evolving an Intelligent Architecture for Personal Telecommunication", ERICSSON REVIEW No. 4, 1993, pgs. 156-171						
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

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Form PTO-1449		Docket Number (Optional)		Application Number			
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		BCK-001.02					
		Applicant					
		Senn, et al.					
		Filing Date		Group Art Unit			
		March 8, 2004					
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	BAA	3,870,866	03/11/75	Halpern	235	61.7	08/09/72
	BAB	4,192,972	03/11/80	Bertoglio, et al.	179	6.3	11/28/78
	BAC	5,109,401	04/28/92	Hattori, et al.	379	58	07/06/90
	BAD	5,148,472	09/15/92	Freese, et al.	379	59	12/05/90
	BAE	5,148,474	09/15/92	Haralambopoulos, et al.	379	111	08/21/91
	BAF	5,187,710	02/16/93	Chau, et al.	370	110.1	12/19/90
	BAG	5,291,543	03/01/94	Freese, et al.	379	59	06/24/92
	BAH	5,297,189	03/22/94	Chabernaud	379	58	05/29/91
	BAI	5,353,335	10/04/94	D'Urso, et al.	379	67	08/03/92
	BAJ	5,448,633	09/05/95	Jamaledin, et al.	379	201	03/30/94
	BAK	5,450,477	09/12/95	Amarant, et al.	379	93	12/27/93
	BAL	5,469,497	11/21/95	Pierce, et al.	379	115	08/04/94
	BAM	5,517,549	05/14/96	Lee	379	58	12/03/93
	BAN	5,517,555	05/14/96	Amadon, et al.	379	59	09/21/94
	BAO	5,524,142	06/04/96	Lewis, et al.	379	112	04/14/94
	BAP	5,563,934	10/08/96	Eda	379	144	02/16/95
	BAQ	5,570,416	10/29/96	Kroll	379	114	08/30/94
	BAR	5,577,100	11/19/96	McGregor, et al.	379	58	01/30/95
	BAS	5,586,175	12/17/96	Hogan, et al.	379	112	06/02/95
	BAT	5,590,181	12/31/96	Hogan, et al.	379	114	10/15/93
	BAU	5,615,251	03/25/97	Hogan, et al.	379	112	06/07/95
	BAV	5,633,919	05/27/97	Hogan, et al.	379	115	06/06/95
	BAW	5,638,430	06/10/97	Hogan, et al.	379	112	06/07/95
	BAX	5,799,156	08/25/98	Hogan, et al.	395	200.67	04/13/95

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>BCK-001.02</b>		Application Number	
				Applicant <b>Senn, et al.</b>			
				Filing Date <b>March 8, 2004</b>		Group Art Unit	
	BAY	5,812,945	09/22/98	Hansen, et al.	455	403	12/22/95
	BAZ	5,854,833	12/29/98	Hogan, et al.	378	112	06/06/95
	BBA	5,873,099	02/16/99	Hogan, et al.	707	204	04/13/95
	BBB	5,995,822	11/30/99	Smith, et al.	455	406	06/02/97
	BBC	6,016,343	01/18/00	Hogan, et al.	379	242	08/20/96
	BBD	6,029,062	02/22/00	Hanson	455	408	07/21/97
	BBE	6,058,173	05/02/00	Penfield, et al.	379	144	02/19/98
	BBF	5,616,408	3/24/97	Johnson et al.	455	33.1	10/19/93
	BBG	5,303,297	4/12/94	Hillis	379	63	07/25/91
	BBH	4,460,986	2/03/87	Yotsutani et al.	379	60	09/13/84
	BBI	4,585,904	4/29/86	Mincone et al.	179	7.1	01/06/84
	BBJ	4,122,308	10/24/78	Weinberger et al.	179	7.1	06/03/77



**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
*(Use several sheets if necessary)*

Docket Number (Optional)

BCK-001.01

Application Number

~~09/371,176~~

10/795901

Applicant

Senn, et al.

Filing Date

August 11, 1999

Group Art Unit

2681

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	BBK WO 95/11576	04/27/95	PCT				
	BBL CA 2,213,037	02/15/98	Canada				
	BBM GB 2 171 877	09/03/86	Great Britain				
	BBN JP 03-010457	01/18/91	Japan				
	BBO SA 965074	6/14/96	South Africa				

**OTHER DOCUMENTS**
*(Including Author, Title, Date, Pertinent Pages Etc.)*

BBP	"New Products: Integrated, metered billing," Cellular Business, June 1993.
BBQ	"Business News: Metered billing set for 1993," Cellular Business, May 1993.
BBR	Peter R. Fenner, "Mobil Address Management and Billing for Personal Communications," IEEE at 253 (1992).
BBS	Johanna Isberg, "Charging in Cordless Telecommunications Systems," IEEE at 319 (1991)

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>			Docket Number (Optional)		Application Number		
			BCK-001.02				
			Applicant				
			Senn, et al.				
			Filing Date		Group Art Unit		
			March 8, 2004				
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<del>BBT</del>	<del>WO 96/15633</del>	<del>05/23/96</del>	<del>PCT</del>			<del>X</del>	
<del>BBU</del>	<del>WO 00/04701</del>	<del>01/27/00</del>	<del>PCT</del>			<del>X</del>	

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

**Complete if Known**

Application Number

Filing Date

March 8, 2004

First Named Inventor

Senn, Paul, et al.

**Art Unit**

**Examiner Name**

Attorney Docket Number

BCK-001.02

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	Date Considered
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<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) BCK-001 02	Application Number
	Applicant Senn et al.	
	Filing Date March 8, 2004	Group Art Unit

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA 5,359,642	10/25/1994	Castro	379	121	2/26/1993
	BB 5,265,155	11/23/1993	Castro	379	112	7/31/1991
	BG 5,774,535	6/30/1998	Castro	379	144	8/3/1995
	BD 5,440,621	6/9/1998	Castro	379	112	11/22/1993
	BE 5,765,108	6/9/1998	Martin et al.	379	58	5/17/1995
	BE 5,826,185	10/20/1998	Wisc et al.	455	405	8/19/1996
	BG 5,953,398	9/14/1999	Hill	379	112	12/8/1997
	BH 5,412,726	5/2/1995	Nevoux et al.	380	24	9/21/1993
	BI 4,706,275	11/10/1987	Kamil	379	144	11/13/1985
	BJ 5,790,636	8/4/1998	Marshall	379	67	9/1/1994
	BK 5,206,899	4/27/1993	Gupta et al.	379	120	9/5/1991

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation
						YES NO
	BL 1,544,542 (UK)	4/29/1977	U.K.			x
	BM 4137990 (JP)	5/12/1992	Japan			Abstract X
	BN 2,265,522 (GB)	3/28/1992	Great Britain			X
	BO WO 99/30480	12/8/1997	PCT			X

### OTHER DOCUMENTS

*(Including Author, Title, Date, Pertinent Pages Etc.)*

BO	"Payphone Service for Third Generation Mobile Systems", Rola Krayem-Nevoux, Gerald Mazzio, and Philippe Hiole, pages 1708-1712, 0-7803-0917-0/93, IEEE.
BP	"The Intelligent Network: Changing the Face of Telecommunications," Richard B. Brobeck, II, Proceedings of the IEEE, Vol. 79, No. 1, January 1991, pages 7-20.
BQ	"International Applications of AT&T's Intelligent Network Platforms," Alexandra M. Workman, Murthy V. Kollpakam, Janis B. Sharpless, Vilma Stoss, and Hans van der Veer, AT&T Technical Journal, Summer 1991, pages 44-84.

EXAMINER	DATE CONSIDERED

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March 8, 2004

Group Art Unit

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

(Including Author, Title, Date, Pertinent Pages Etc.)

"The Evolution of Global Intelligent Network Architecture," George Y. Wyatt, Alvin Barshefsky, Robert V. Epley, Marc P. Kaplan, and Krish P. Krishnan, AT&T Technical Journal, Summer 1991, pages 11-25.

<sup>10</sup> "Managing the Network Revenue Stream," David E. Klepp, "Telephony," November 29, 1993, pages 32-33.

"Information Systems: Hooking up to the Network," Dan Merriman, *Cellular Business*, November 1992, pages 18, 20-21, 78, and 80.

09/14/2008

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